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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY USSR

SUBJECT Remarks on Scientific Laboratory Equipment at
Universities and Technical InstitutesPLACE ACQUIRED
(BY SOURCE)

25X1A

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DATE ACQUIRED
(BY SOURCE)

DATE (OF INFO.)

DATE DISTR. 4 MAY 1954

NO. OF PAGES 2

NO. OF ENCLS.

SUPP. TO 25X1A
REPORT NO.

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1. In Moscow we visited the new branch of the Moscow University. A large percentage of the students study in the sciences, but we did not visit any of the laboratories there.
2. At Leningrad the Polytechnic Institute is a general engineering school, that is, it has the different applied sciences as the main courses of study. We saw only those laboratories for elementary physics and chemistry.
3. At the Minsk Polytechnic Institute there was a laboratory for hydro-power studies. It had equipment for studying turbine construction, water flow in rivers and dam construction. These items were all illustrated by scaled down working models. Also, at Minsk there was a laboratory for the study of the transmission of electrical energy. Such devices as high tension transformers and insulators were in use.
4. At Kiev University the only laboratory facilities were, once again, those for use in the elementary physics and chemistry courses. Such labs had no special equipment.
5. At the Kharkov Polytechnic Institute we visited some machine construction laboratories. These had mainly machines for metal finishing such as lathes, milling machines and drill presses. These were not the only ones in the shops though. We saw heavy machine shops where there was much US Lend-Lease material which was recognizable as such by virtue of having WFB numbers stamped on. Students were learning to dismantle and put together heavy metal-working machinery. There was a laboratory at

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Kharkov for elementary chemical analysis; this had no particular equipment except regular chemical glassware and reagents. There was a heating engineering laboratory which was equipped with various devices for studying air circulation, ventilation and central heating construction. The equipment was that which would be in actual use for ventilation, heating, etc. Visited

6. At the State University of Tbilisi we again saw some elementary science laboratories. There were some analytic balances of both US and Soviet manufacture (both of about the same quality). There were also small mineralogical and zoological museums in this school.

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7. In general, [REDACTED] there is a lot of US-made equipment in all universities except, probably, Moscow University.

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